

DEVICE OF WHITE LIGHT-EMITTING DIODE

ABSTRACT OF THE DISCLOSURE

A white LED device includes a member, a plurality of LEDs, fixed on the member, the LEDs further comprising blue GaN LEDs, a reflector, in parabolic shape, to encase the member and the plurality of LEDs, yellow phosphor, coated on the surface of the reflector facing the LEDs, and a supporting component, for connecting the member and the reflector in order to connect the LEDs, the member and the reflector together. The main feature of the present invention includes that the LEDs emit blue light when positively biased. The blue light triggers yellow phosphor to generate a yellow light, and the blue light mixed with the yellow light to become a white light. The white light is reflected by the reflector to project onto target objects.